



GETTLER-RYAN INC.

TRANSMITTAL

October 21, 2005
G-R #385105

TO: Mr. Albert Simmons
Cambria Environmental Technology, Inc.
5900 Hollis Street, Suite A
Emeryville, California 94608

FROM: Deanna L. Harding
Project Coordinator
Gettler-Ryan Inc.
6747 Sierra Court, Suite J
Dublin, California 94568

RE: **Chevron Service Station
#9-0308
2399 Market Street at 17th Street
San Francisco, California**

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	October 21, 2005	Groundwater Monitoring and Sampling Report Third Quarter - Event of September 14, 2005

COMMENTS:

This report is being sent for your review. Please provide any comments/changes and propose any groundwater monitoring modifications for the next event prior to **November 7, 2005**, at which time the final report will be distributed to the following:

cc: Ms. Stacie Hartung-Frerichs, ChevronTexaco Company, P.O. Box 6012, Room K2200, San Ramon, CA 94583
Mr. Albert Lee, City & County of San Francisco, Dept. of Public Health, Bureau of Environmental Health Management, 1390 Market Street, Suite 210, San Francisco, CA 94102
Mr. Dave Sahagun Enterprises, Inc. DBA Castro Street Chevron, 2399 Market Street, San Francisco, CA, 94114

Enclosures

trans/9-0308-SHF

6747 Sierra Court, Suite J • Dublin, CA 94568 • (925) 551-7555 • Fax (925) 551-7888
3140 Gold Camp Drive, Suite 170 • Rancho Cordova, CA 95670 • (916) 631-1300 • Fax (916) 631-1317
1364 N. McDowell Blvd., Suite B2 • Petaluma, CA 94954 • (707) 789-3255 • Fax (707) 789-3218



GETTLER-RYAN Inc.

October 21, 2005
G-R Job #385105

Ms. Stacie Hartung-Frerichs
ChevronTexaco Company
P.O. Box 6012, Room K2200
San Ramon, CA 94583

RE: Third Quarter Event of September 14, 2005
Groundwater Monitoring & Sampling Report
Chevron Service Station #9-0308
2399 Market Street at 17th Street
San Francisco, California

Dear Ms. Hartung-Frerichs:

This report documents the most recent groundwater monitoring and sampling event performed by Gettler-Ryan Inc. (G-R) at the referenced site. All field work was conducted in accordance with G-R Standard Operating Procedure - Groundwater Sampling (attached).

Static groundwater levels were measured and the wells were checked for the presence of separate-phase hydrocarbons. Static water level data, groundwater elevations, and separate-phase hydrocarbon thickness (if any) are presented in the attached Table 1. A Potentiometric Map is included as Figure 1.

Groundwater samples were collected from the monitoring wells and submitted to a state certified laboratory for analyses. The field data sheets for this event are attached. Analytical results are presented in the table(s) listed below. The chain of custody document and laboratory analytical report are also attached.

Please call if you have any questions or comments regarding this report. Thank you.

Sincerely,

Deanna L. Harding
Project Coordinator

Robert A. Lauritzen
Senior Geologist, P.G. No. 7504

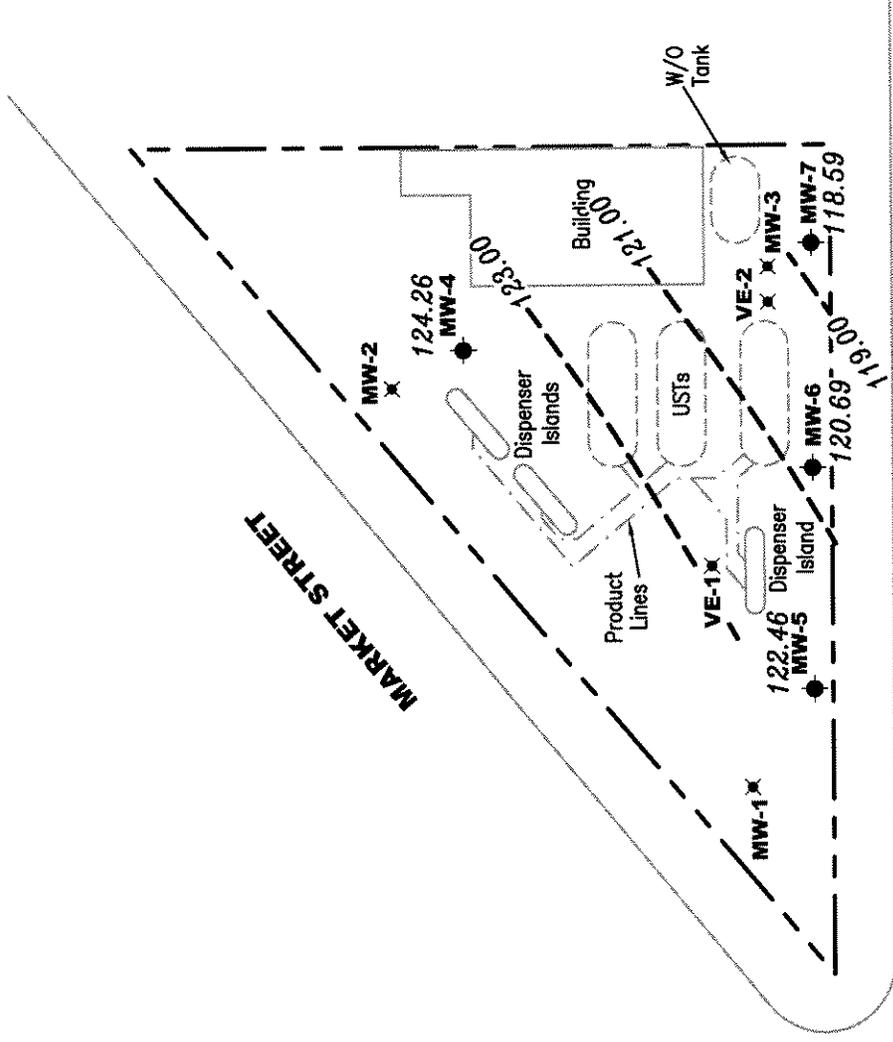
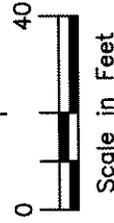


Figure 1: Potentiometric Map
Table 1: Groundwater Monitoring Data and Analytical Results
Table 2: Groundwater Analytical Results – Oxygenate Compounds
Attachments: Standard Operating Procedure - Groundwater Sampling
Field Data Sheets
Chain of Custody Document and Laboratory Analytical Reports

EXPLANATION

- ◆ Groundwater monitoring well
- ✕ Abandoned well
- 99.99 Groundwater elevation in feet referenced to Mean Sea Level
- - - - - Groundwater elevation contour, dashed where inferred

Approximate groundwater flow direction at a gradient of 0.08 Ft./Ft.

Source: Figure modified from drawing provided by Combrico Fig 2 Site Plan dated 12/02/04

G/J
GETTLER - RYAN INC.
 6747 Sierra Court, Suite J
 Dublin, CA 94568
 (925) 551-7555

POTENTIOMETRIC MAP
 Chevron Service Station #9-0308
 2399 Market Street
 San Francisco, California

Table 1
Groundwater Monitoring Data and Analytical Results
 Chevron Service Station #9-0308
 2399 Market Street
 San Francisco, California

WELL ID/ DATE	TOC* (%)	DTW (ft.)	GWE (ms)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-4									
12/23/04 ^{1,2}	144.19	19.82	124.37	64	0.6	<0.5	<0.5	2	5
03/21/05 ²	144.19	19.50	124.69	<50	<0.5	<0.5	<0.5	<0.5	3
06/15/05 ²	144.19	19.45	124.74	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/14/05 ²	144.19	19.93	124.26	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-5									
12/23/04 ^{1,2}	144.42	22.93	121.49	3,200	36	1	0.9	2	0.6
03/21/05 ²	144.42	22.05	122.37	2,700	120	2	3	3	2
06/15/05 ²	144.42	21.22	123.20	2,800	290	6	6	6	4
09/14/05 ^{2,3}	144.42	21.96	122.46	12,000	1,000	1,300	390	1,800	160
MW-6									
12/23/04 ^{1,2}	142.68	21.80	120.88	45,000	5,100	6,200	1,100	4,600	1,900
03/21/05 ²	142.68	20.89	121.79	56,000	3,900	5,900	2,200	9,900	700
06/15/05 ²	142.68	21.18	121.50	47,000	2,700	4,600	2,400	11,000	210
09/14/05 ²	142.68	21.99	120.69	64,000	5,900	7,300	2,200	11,000	790
MW-7									
12/23/04 ^{1,2}	141.15	22.25	118.90	22,000	330	8	700	100	1,300
03/21/05 ²	141.15	21.90	119.25	3,400	110	8	170	28	800
06/15/05 ²	141.15	21.97	119.18	140	1	<0.5	<0.5	<0.5	82
09/14/05 ²	141.15	22.56	118.59	130	0.6	<0.5	<0.5	<0.5	56
TRIP BLANK									
QA	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
12/23/04 ²	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/21/05 ²	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/15/05 ²	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/14/05 ²	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5

Table 1
Groundwater Monitoring Data and Analytical Results
 Chevron Service Station #9-0308
 2399 Market Street
 San Francisco, California

EXPLANATIONS:

TOC = Top of Casing (ft.) = Feet
 DTW = Depth to Water
 GWE = Groundwater Elevation (msl) = Mean sea level

TPH-G = Total Petroleum Hydrocarbons as Gasoline
 B = Benzene
 T = Toluene
 E = Ethylbenzene
 X = Xylenes

MTBE = Methyl tertiary butyl ether (ppb) = Parts per billion
 -- = Not Measured/Not Analyzed
 QA = Quality Assurance/Trip Blank

* TOC elevations for were surveyed on January 31, 2005, by Virgil Chavez Land Surveying. The benchmark for this survey was a cut crow's foot in the outer rim of a catch basin at the northwest corner of South Van Ness Ave. and 17th St., (Benchmark Elevation = 22.90 feet, NGVD 29).

- 1 Well development performed.
- 2 BTEX and MTBE by EPA Method 8260.
- 3 Analytical results confirmed.

Table 2
Groundwater Analytical Results - Oxygenate Compounds
 Chevron Service Station #9-0308
 2399 Market Street
 San Francisco, California

WELL ID	DATE	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)
MW-4	12/23/04	<5	5	<0.5	<0.5	<0.5
	03/21/05	<5	3	<0.5	<0.5	<0.5
	06/15/05	<5	<0.5	<0.5	<0.5	<0.5
	09/14/05	<5	<0.5	<0.5	<0.5	<0.5
MW-5	12/23/04	38	0.6	<0.5	<0.5	<0.5
	03/21/05	<5	2	<0.5	<0.5	<0.5
	06/15/05	16	4	<0.5	<0.5	<0.5
	09/14/05	39	160	<1	<1	<1
MW-6	12/23/04	560	1,900	<3	<3	4
	03/21/05	<50	700	<5	<5	<5
	06/15/05	37	210	<3	<3	<3
	09/14/05	200	790	<5	<5	<5
MW-7	12/23/04	710	1,300	<3	<3	<3
	03/21/05	420	800	<1	<1	<1
	06/15/05	17	82	<0.5	<0.5	<0.5
	09/14/05	9	56	<0.5	<0.5	<0.5

Table 2
Groundwater Analytical Results - Oxygenate Compounds
Chevron Service Station #9-0308
2399 Market Street
San Francisco, California

EXPLANATIONS:

TBA = Tertiary butyl alcohol
MTBE = Methyl tertiary butyl ether
DIPE = Di-isopropyl ether
ETBE = Ethyl tertiary butyl ether
TAME = Tertiary amyl methyl ether
(ppb) = Parts per billion

ANALYTICAL METHOD:

EPA Method 8260 for Oxygenate Compounds

STANDARD OPERATING PROCEDURE - GROUNDWATER SAMPLING

Gettler-Ryan Inc. field personnel adhere to the following procedures for the collection and handling of groundwater samples prior to analysis by the analytical laboratory. Prior to sample collection, the type of analysis to be performed is determined. Loss prevention of volatile compounds is controlled and sample preservation for subsequent analysis is maintained.

Prior to sampling, the presence or absence of free-phase hydrocarbons is determined using an interface probe. Product thickness, if present, is measured to the nearest 0.01 foot and is noted in the field notes. In addition, all depth to water level measurements are collected with a static water level indicator and are also recorded in the field notes, prior to purging and sampling any wells.

After water levels are collected and prior to sampling, if purging is to occur, each well is purged a minimum of three well casing volumes of water using pre-cleaned pumps (stack, suction, Grundfos), or disposable bailers. Temperature, pH and electrical conductivity are measured a minimum of three times during the purging. Purging continues until these parameters stabilize.

Groundwater samples are collected using disposable bailers. The water samples are transferred from the bailer into appropriate containers. Pre-preserved containers, supplied by analytical laboratories, are used when possible. When pre-preserved containers are not available, the laboratory is instructed to preserve the sample as appropriate. Duplicate samples are collected for the laboratory to use in maintaining quality assurance/quality control standards. The samples are labeled to include the job number, sample identification, collection date and time, analysis, preservation (if any), and the sample collector's initials. The water samples are placed in a cooler, maintained at 4°C for transport to the laboratory. Once collected in the field, all samples are maintained under chain of custody until delivered to the laboratory.

The chain of custody document includes the job number, type of preservation, if any, analysis requested, sample identification, date and time collected, and the sample collector's name. The chain of custody is signed and dated (including time of transfer) by each person who receives or surrenders the samples, beginning with the field personnel and ending with the laboratory personnel.

A laboratory supplied trip blank accompanies each sampling set. For sampling sets greater than 20 samples, 5% trip blanks are included. The trip blank is analyzed for some or all of the same compounds as the groundwater samples.

As requested by ChevronTexaco Company, the purge water and decontamination water generated during sampling activities is transported by IWM to McKittrick Waste Management located in McKittrick, California.



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-0308
 Site Address: 2399 Market Street
 City: San Francisco, CA

Job Number: 385105
 Event Date: 9-14-05 (inclusive)
 Sampler: Joe

Well ID: MW-4 Date Monitored: 9-14-05 Well Condition: OK
 Well Diameter: 2 in.
 Total Depth: 32.88 ft.
 Depth to Water: 19.93 ft.
12.95 xVF 0.17 = 2.20 x3 case volume = Estimated Purge Volume: 6.5 gal.

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

Purge Equipment:

Disposable Bailer
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Other: _____

Sampling Equipment:

Disposable Bailer
 Pressure Bailer _____
 Discrete Bailer _____
 Other: _____

Time Started: _____ (2400 hrs)
 Time Completed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: 0 ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbant Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Water Removed: _____
 Product Transferred to: _____

Start Time (purge): 1355 Weather Conditions: Foggy
 Sample Time/Date: 1435 9-14-05 Water Color: clear Odor: none
 Purging Flow Rate: 0.5 gpm. Sediment Description: _____
 Did well de-water? _____ If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (°C)	D.O. (mg/L)	ORP (mV)
<u>1413</u>	<u>2</u>	<u>7.72</u>	<u>1607</u>	<u>63.3</u>	_____	_____
<u>1419</u>	<u>4</u>	<u>7.63</u>	<u>1559</u>	<u>63.2</u>	_____	_____
<u>1425</u>	<u>6.5</u>	<u>7.67</u>	<u>1564</u>	<u>63.0</u>	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-4</u>	<u>6 x voa vial</u>	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8260)/5 OXYS(8260)</u>

COMMENTS:

Add/Replaced Lock: _____

Add/Replaced Plug: _____ Size: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-0308 Job Number: 385105
 Site Address: 2399 Market Street Event Date: 9-14-05 (inclusive)
 City: San Francisco, CA Sampler: Joc

Well ID: MW-5 Date Monitored: 9-14-05 Well Condition: o/c
 Well Diameter: 2 in.
 Total Depth: 30.15 ft.
 Depth to Water: 21.96 ft.
8.19 xVF 0.17 = 1.39 x3 case volume = Estimated Purge Volume: 4.5 gal.

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

Purge Equipment:
 Disposable Bailer ✓
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Other: _____

Sampling Equipment:
 Disposable Bailer ✓
 Pressure Bailer _____
 Discrete Bailer _____
 Other: _____

Time Started: _____ (2400 hrs)
 Time Completed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: 0 ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbant Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Water Removed: _____
 Product Transferred to: _____

Start Time (purge): 1445 Weather Conditions: Foggy
 Sample Time/Date: 1518 19-14-05 Water Color: clear Odor: yes
 Purging Flow Rate: 0.5 gpm. Sediment Description: _____
 Did well de-water? _____ If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (u mhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
<u>1457</u>	<u>1.5</u>	<u>6.87</u>	<u>1016</u>	<u>64.3</u>	_____	_____
<u>1502</u>	<u>3</u>	<u>6.81</u>	<u>1041</u>	<u>63.7</u>	_____	_____
<u>1507</u>	<u>4.5</u>	<u>6.79</u>	<u>1047</u>	<u>63.8</u>	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-5</u>	<u>6</u> x vva vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8260)/ 5 OXYS(8260)</u>

COMMENTS: _____

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Size: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-0308
 Site Address: 2399 Market Street
 City: San Francisco, CA

Job Number: 385105
 Event Date: 9-14-05 (inclusive)
 Sampler: Joe

Well ID: MW-6 Date Monitored: 9-14-05 Well Condition: OK
 Well Diameter: 2 in.
 Total Depth: 29.76 ft.
 Depth to Water: 21.99 ft.
 $7.77 \times VF \ 0.17 = 1.32 \times \text{case volume} = \text{Estimated Purge Volume: } 4 \text{ gal.}$

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

Purge Equipment:

Disposable Bailer
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Other: _____

Sampling Equipment:

Disposable Bailer
 Pressure Bailer _____
 Discrete Bailer _____
 Other: _____

Time Started: _____ (2400 hrs)
 Time Completed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: 0 ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbent Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Water Removed: _____
 Product Transferred to: _____

Start Time (purge): 1525 Weather Conditions: Foggy
 Sample Time/Date: 1555 9-14-05 Water Color: clear Odor: yes
 Purging Flow Rate: 0.5 gpm. Sediment Description: _____
 Did well de-water? _____ If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
<u>1535</u>	<u>1.5</u>	<u>6.76</u>	<u>1248</u>	<u>62.6</u>	_____	_____
<u>1540</u>	<u>3</u>	<u>6.86</u>	<u>1252</u>	<u>63.0</u>	_____	_____
<u>1544</u>	<u>4</u>	<u>6.95</u>	<u>1251</u>	<u>62.9</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-6</u>	<u>6</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8260)/ 5 OXYS(8260)</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

COMMENTS:

Add/Replaced Lock: _____

Add/Replaced Plug: _____ Size: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-0308
 Site Address: 2399 Market Street
 City: San Francisco, CA

Job Number: 385105
 Event Date: 9-14-05 (inclusive)
 Sampler: See

Well ID: MW-7 Date Monitored: 9.14.05 Well Condition: OK
 Well Diameter: 2 in.
 Total Depth: 30.05 ft.
 Depth to Water: 22.56 ft.
 Volume Factor (VF) table:

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

 $7.49 \times VF \ 0.17 = 1.27$ x3 case volume= Estimated Purge Volume: 4 gal.

Purge Equipment:
 Disposable Bailer
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Other: _____

Sampling Equipment:
 Disposable Bailer
 Pressure Bailer _____
 Discrete Bailer _____
 Other: _____

Time Started: _____ (2400 hrs)
 Time Completed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: 0 ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbant Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Water Removed: _____
 Product Transferred to: _____

Start Time (purge): 9:05 Weather Conditions: Foggy
 Sample Time/Date: 16:30 9-14-05 Water Color: Clear Odor: yes
 Purging Flow Rate: 0.5 gpm. Sediment Description: _____
 Did well de-water? _____ If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
<u>16:13</u>	<u>1.5</u>	<u>6.80</u>	<u>906</u>	<u>63.5</u>		
<u>16:18</u>	<u>3</u>	<u>6.70</u>	<u>895</u>	<u>63.6</u>		
<u>16:23</u>	<u>4</u>	<u>6.67</u>	<u>892</u>	<u>63.9</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-7</u>	<u>6</u> x vva vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8260)/ 5 OXYS(8260)</u>

COMMENTS: _____

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Size: _____



Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

ANALYTICAL RESULTS

Prepared for:

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

925-842-8582

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

SAMPLE GROUP

The sample group for this submittal is 959843. Samples arrived at the laboratory on Tuesday, September 20, 2005. The PO# for this group is 99011184 and the release number is HARTUNG-FRERICH.

<u>Client Description</u>			<u>Lancaster Labs Number</u>
QA-T-050914	NA	Water	4606040
MW-4-W-050914	Grab	Water	4606041
MW-5-W-050914	Grab	Water	4606042
MW-6-W-050914	Grab	Water	4606043
MW-7-W-050914	Grab	Water	4606044

1 COPY TO Cambria C/O Gettler- Ryan
ELECTRONIC Gettler-Ryan
COPY TO

Attn: Deanna L. Harding
Attn: Cheryl Hansen



Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Questions? Contact your Client Services Representative
Lynn M Frederiksen at (717) 656-2300

Respectfully Submitted,

A handwritten signature in black ink, appearing to read "Robin C. Runkle".

Robin C. Runkle
Senior Specialist



Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Lancaster Laboratories Sample No. WW 4606040

QA-T-050914 NA Water
Facility# 90308 Job# 385105 GRD
2399 Market-San Francisco T0607500077 QA
Collected: 09/14/2005

Account Number: 10904

Submitted: 09/20/2005 09:10
Reported: 09/28/2005 at 08:48
Discard: 10/29/2005

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

MARKQ

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01728	TPH-GRO - Waters The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.	n.a.	N.D.		50.	ug/l	1
06054	BTEX+MTBE by 8260B						
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.		0.5	ug/l	1
05401	Benzene	71-43-2	N.D.		0.5	ug/l	1
05407	Toluene	108-88-3	N.D.		0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.		0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.		0.5	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
01728	TPH-GRO - Waters	N. CA LUFT Gasoline	1	09/22/2005	16:35	Steven A Skiles	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	09/25/2005	18:01	Anita M Dale	1
01146	GC VOA Water Prep	SW-846 5030B	1	09/22/2005	16:35	Steven A Skiles	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	09/25/2005	18:01	Anita M Dale	n.a.



Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Page 1 of 1

Lancaster Laboratories Sample No. WW 4606041

MW-4-W-050914 Grab Water GRD
 Facility# 90308 Job# 385105
 2399 Market-San Francisco T0607500077 MW-4
 Collected: 09/14/2005 14:35 by JA

Account Number: 10904

ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

Submitted: 09/20/2005 09:10
 Reported: 09/28/2005 at 08:48
 Discard: 10/29/2005

MARK4

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
06056	BTEX+5 Oxygenates by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date	Time		
01728	TPH-GRO - Waters	N. CA LUFT Gasoline	1	09/22/2005	19:29	Steven A Skiles	1
06056	BTEX+5 Oxygenates by 8260B	Method SW-846 8260B	1	09/24/2005	06:17	Dawn M Harle	1
01146	GC VOA Water Prep	SW-846 5030B	1	09/22/2005	19:29	Steven A Skiles	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	09/24/2005	06:17	Dawn M Harle	n.a.

Lancaster Laboratories Sample No. WW 4606042

 MW-5-W-050914 Grab Water GRD
 Facility# 90308 Job# 385105
 2399 Market-San Francisco T0607500077 MW-5
 Collected: 09/14/2005 15:18 by JA

Account Number: 10904

 Submitted: 09/20/2005 09:10
 Reported: 09/28/2005 at 08:48
 Discard: 10/29/2005

 ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

MARKS

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	12,000.	500.	ug/l	10
The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
06056	BTEX+5 Oxygenates by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	160.	1.	ug/l	2
02011	di-Isopropyl ether	108-20-3	N.D.	1.	ug/l	2
02013	Ethyl t-butyl ether	637-92-3	N.D.	1.	ug/l	2
02014	t-Amyl methyl ether	994-05-8	N.D.	1.	ug/l	2
02015	t-Butyl alcohol	75-65-0	39.	10.	ug/l	2
05401	Benzene	71-43-2	1,000.	5.	ug/l	10
05407	Toluene	108-88-3	1,300.	5.	ug/l	10
05415	Ethylbenzene	100-41-4	390.	1.	ug/l	2
06310	Xylene (Total)	1330-20-7	1,800.	5.	ug/l	10
The reporting limits for the GC/MS volatile compounds were raised because sample dilution was necessary to bring target compounds into the calibration range of the system.						

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	09/23/2005 16:54	Kathie J Bowman	10
06056	BTEX+5 Oxygenates by 8260B	SW-846 8260B	1	09/25/2005 09:44	Anita M Dale	2
06056	BTEX+5 Oxygenates by 8260B	SW-846 8260B	1	09/25/2005 10:08	Anita M Dale	10
01146	GC VOA Water Prep	SW-846 5030B	1	09/23/2005 16:54	Kathie J Bowman	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	09/25/2005 09:44	Anita M Dale	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	2	09/25/2005 10:08	Anita M Dale	n.a.



Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Lancaster Laboratories Sample No. WW 4606043

MW-6-W-050914 Grab Water
Facility# 90308 Job# 385105 GRD
2399 Market-San Francisco T0607500077 MW-6
Collected: 09/14/2005 15:55 by JA

Account Number: 10904

Submitted: 09/20/2005 09:10
Reported: 09/28/2005 at 08:48
Discard: 10/29/2005

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

MARK6

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	64,000.	2,500.	ug/l	50
The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
06056	BTEX+5 Oxygenates by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	790.	5.	ug/l	10
02011	di-Isopropyl ether	108-20-3	N.D.	5.	ug/l	10
02013	Ethyl t-butyl ether	637-92-3	N.D.	5.	ug/l	10
02014	t-Amyl methyl ether	994-05-8	N.D.	5.	ug/l	10
02015	t-Butyl alcohol	75-65-0	200.	50.	ug/l	10
05401	Benzene	71-43-2	5,900.	25.	ug/l	50
05407	Toluene	108-88-3	7,300.	25.	ug/l	50
05415	Ethylbenzene	100-41-4	2,200.	25.	ug/l	50
06310	Xylene (Total)	1330-20-7	11,000.	25.	ug/l	50

The reporting limits for the GC/MS volatile compounds were raised because sample dilution was necessary to bring target compounds into the calibration range of the system.

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	09/23/2005 17:23	Kathie J Bowman	50
06056	BTEX+5 Oxygenates by 8260B	SW-846 8260B	1	09/25/2005 10:31	Anita M Dale	10
06056	BTEX+5 Oxygenates by 8260B	SW-846 8260B	1	09/25/2005 10:55	Anita M Dale	50
01146	GC VOA Water Prep	SW-846 5030B	1	09/23/2005 17:23	Kathie J Bowman	50
01163	GC/MS VOA Water Prep	SW-846 5030B	1	09/25/2005 10:31	Anita M Dale	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	2	09/25/2005 10:55	Anita M Dale	n.a.



Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Lancaster Laboratories Sample No. WW 4606044

MW-7-W-050914 Grab Water
 Facility# 90308 Job# 385105 GRD
 2399 Market-San Francisco T0607500077 MW-7
 Collected: 09/14/2005 16:30 by JA

Account Number: 10904

Submitted: 09/20/2005 09:10
 Reported: 09/28/2005 at 08:48
 Discard: 10/29/2005

ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

MARK7

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	130.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
06056	BTEX+5 Oxygenates by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	56.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	9.	5.	ug/l	1
05401	Benzene	71-43-2	0.6	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	09/22/2005 19:58	Steven A Skiles	1
06056	BTEX+5 Oxygenates by 8260B	SW-846 8260B	1	09/25/2005 11:19	Anita M Dale	1
01146	GC VOA Water Prep	SW-846 5030B	1	09/22/2005 19:58	Steven A Skiles	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	09/25/2005 11:19	Anita M Dale	n.a.

Quality Control Summary

 Client Name: ChevronTexaco
 Reported: 09/28/05 at 08:48 AM

Group Number: 959843

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 05265A08A TPH-GRO - Waters	N.D.	50.	Sample number(s): 4606040-4606041, 4606044 ug/l	108	107	70-130	1	30
Batch number: 05266A08A TPH-GRO - Waters	N.D.	50.	Sample number(s): 4606042-4606043 ug/l	108	107	70-130	1	30
Batch number: Z052663AA Methyl Tertiary Butyl Ether	N.D.	0.5	Sample number(s): 4606041 ug/l	92		77-127		
di-Isopropyl ether	N.D.	0.5	ug/l	94		67-130		
Ethyl t-butyl ether	N.D.	0.5	ug/l	95		74-120		
t-Amyl methyl ether	N.D.	0.5	ug/l	96		79-113		
t-Butyl alcohol	N.D.	5.	ug/l	93		60-133		
Benzene	N.D.	0.5	ug/l	96		85-117		
Toluene	N.D.	0.5	ug/l	101		85-115		
Ethylbenzene	N.D.	0.5	ug/l	100		82-119		
Xylene (Total)	N.D.	0.5	ug/l	101		83-113		
Batch number: Z052681AA Methyl Tertiary Butyl Ether	N.D.	0.5	Sample number(s): 4606040, 4606042-4606044 ug/l	90		77-127		
di-Isopropyl ether	N.D.	0.5	ug/l	90		67-130		
Ethyl t-butyl ether	N.D.	0.5	ug/l	92		74-120		
t-Amyl methyl ether	N.D.	0.5	ug/l	93		79-113		
t-Butyl alcohol	N.D.	5.	ug/l	90		60-133		
Benzene	N.D.	0.5	ug/l	94		85-117		
Toluene	N.D.	0.5	ug/l	101		85-115		
Ethylbenzene	N.D.	0.5	ug/l	99		82-119		
Xylene (Total)	N.D.	0.5	ug/l	101		83-113		

Sample Matrix Quality Control

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 05265A08A TPH-GRO - Waters			Sample number(s): 4606040-4606041, 4606044 114 63-154						
Batch number: 05266A08A TPH-GRO - Waters			Sample number(s): 4606042-4606043 125 63-154						
Batch number: Z052663AA Methyl Tertiary Butyl Ether	97	96	69-134	1	30				
di-Isopropyl ether	98	98	75-130	0	30				

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The background result was more than four times the spike added.

Quality Control Summary

 Client Name: ChevronTexaco
 Reported: 09/28/05 at 08:48 AM

Group Number: 959843

Sample Matrix Quality Control

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Ethyl t-butyl ether	97	97	78-119	0	30				
t-Amyl methyl ether	98	100	72-125	1	30				
t-Butyl alcohol	92	93	56-134	1	30				
Benzene	105	104	83-128	0	30				
Toluene	108	108	83-127	0	30				
Ethylbenzene	107	107	82-129	0	30				
Xylene (Total)	108	109	82-130	1	30				

Batch number: Z052681AA	Sample number(s): 4606040, 4606042-4606044
Methyl Tertiary Butyl Ether	92 89 69-134 1 30
di-Isopropyl ether	93 93 75-130 0 30
Ethyl t-butyl ether	94 94 78-119 0 30
t-Amyl methyl ether	96 95 72-125 1 30
t-Butyl alcohol	88 90 56-134 2 30
Benzene	99 100 83-128 0 30
Toluene	102 102 83-127 0 30
Ethylbenzene	102 103 82-129 1 30
Xylene (Total)	103 103 82-130 0 30

Surrogate Quality Control

 Analysis Name: TPH-GRO - Waters
 Batch number: 05265A08A
 Trifluorotoluene-F

4606040	92
4606041	92
4606044	91
Blank	88
LCS	97
LCSD	95
MS	93

Limits: 63-135

 Analysis Name: TPH-GRO - Waters
 Batch number: 05266A08A
 Trifluorotoluene-F

4606042	91
4606043	93
Blank	92
LCS	94
LCSD	92
MS	92

Limits: 63-135

 Analysis Name: BTEX+S Oxygenates by 8260B
 Batch number: Z052663AA
 Dibromofluoromethane 1,2-Dichloroethane-d4 Toluene-d8 4-Bromofluorobenzene

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The background result was more than four times the spike added.

Quality Control Summary

Client Name: ChevronTexaco
Reported: 09/28/05 at 08:48 AM

Group Number: 959843

Surrogate Quality Control

4606041	94	87	95	88
Blank	91	87	98	89
LCS	91	87	98	94
MS	91	86	96	93
MSD	91	87	97	93
<hr/>				
Limits:	80-116	77-113	80-113	78-113
<hr/>				
Analysis Name: BTEX+5 Oxygenates by 8260B				
Batch number: Z052681AA				
	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4606040	94	88	97	88
4606042	88	84	97	91
4606043	89	84	99	92
4606044	92	86	96	89
Blank	92	86	98	89
LCS	91	86	98	93
MS	91	87	98	93
MSD	90	86	97	92
<hr/>				
Limits:	80-116	77-113	80-113	78-113

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The background result was more than four times the spike added.

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

N.D.	none detected	BMQL	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	MPN	Most Probable Number
IU	International Units	CP Units	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	NTU	nephelometric turbidity units
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
ug	microgram(s)	mg	milligram(s)
ml	milliliter(s)	l	liter(s)
m3	cubic meter(s)	ul	microliter(s)
<	less than - The number following the sign is the <u>limit of quantitation</u> , the smallest amount of analyte which can be reliably determined using this specific test.		
>	greater than		
J	estimated value - The result is \geq the Method Detection Limit (MDL) and $<$ the Limit of Quantitation (LOQ).		
ppm	parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.		
ppb	parts per billion		
Dry weight basis	Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.		

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers		Inorganic Qualifiers	
A	TIC is a possible aldol-condensation product	B	Value is $<$ CRDL, but \geq IDL
B	Analyte was also detected in the blank	E	Estimated due to interference
C	Pesticide result confirmed by GC/MS	M	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	N	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	S	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	U	Compound was not detected
P	Concentration difference between primary and confirmation columns $>$ 25%	W	Post digestion spike out of control limits
U	Compound was not detected	*	Duplicate analysis not within control limits
X,Y,Z	Defined in case narrative	+	Correlation coefficient for MSA $<$ 0.995

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL LANCASTER LABORATORIES BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF LANCASTER LABORATORIES AND (B) WHETHER LANCASTER LABORATORIES HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Lancaster Laboratories which includes any conditions that vary from the Standard Terms and Conditions of Lancaster Laboratories and we hereby object to any conflicting terms contained in any acceptance or order submitted by client.